

# Detailed Facility Report

## Facility Summary

**JESSOP STEEL LLC**  
**500 GREEN ST, WASHINGTON, PA 15301**

FRS (Facility Registry Service) ID:

110000329797

EPA Region: 03

Latitude: 40.175905

Longitude: -80.274784

Locational Data Source: NPDES

Industry:

Indian Country: N

## Enforcement and Compliance Summary

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs with NC (Noncompliance) (of 12)	Qtrs with Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
CAA	3	09/28/2020	No Violation Identified	0	0	--	--	--	--	--
CWA	3	11/05/2020	Violation Identified	1	0	--	--	--	--	--
RCRA	4	04/24/2019	No Violation Identified	0	0	--	--	--	--	--

## Regulatory Information

Clean Air Act (CAA):  
Operating Major  
(PA000278317)  
Clean Water Act (CWA):  
Major, Permit Expired  
(PA0001902)  
Resource Conservation and  
Recovery Act (RCRA):  
Active LQG  
(PAD004322343)  
Safe Drinking Water Act  
(SDWA): No Information

### Known Data Problems

## Other Regulatory Reports

Air Emissions Inventory (EIS): 4967911  
Greenhouse Gas Emissions (eGGRT):  
1004730  
Toxic Releases (TRI): 15301JSSPS500GR  
Compliance and Emissions Data Reporting  
Interface (CEDRI): No Information

### Facility/System Characteristics

## Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110000329797					N	40.175905	-80.274784
ICIS		600028850					N		
ICIS		22305					N		
ICIS		3600174719					N		
ICIS-Air	CAA	PA000278317	Major Emissions	Operating	CAAMACT, CAANSPPS, CAASIP, CAATVP		N	40.173083	-80.274426
EIS	CAA	4967911					N	40.17308	-80.27442
GHGRP	CAA	1004730	Direct Emitter	Subject	General Stationary Fuel Combustion		N	40.171111	-80.291667
RMP	CAA	100000143365		ACTIVE			N		

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
ICIS-NPDES	CWA	PA0001902	Major: NPDES Individual Permit	Expired		09/29/2000	N	40.175833	-80.275
TRI	EP313	15301JSSPS500GR	Toxics Release Inventory	Last Reported for 2019			N	40.171111	-80.291667
RCRAInfo	RCRA	PAD004322343	LQG	Active (H S)			N	40.177608	-80.267444
TSCA	TSCA	TSCA8896					N		
TSCA	TSCA	100606615					N		

## Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110000329797	JESSOP STEEL LLC	500 GREEN ST, WASHINGTON, PA 15301	Washington County
ICIS		600028850	JESSOP STEEL COMPANY WASHINGTON FACILITY	500 GREEN STREET, WASHINGTON, PA 15301	Washington County
ICIS		22305	JESSOP STEEL COMPANY	500 GREEN STREET, WASHINGTON, PA 15301	Washington County
ICIS		3600174719	JESSOP STEEL LLC	500 GREEN STREET, WASHINGTON, PA 15301	Washington County
ICIS-Air	CAA	PA000278317	JESSOP STEEL LLC/WASHINGTON PLT	500 GREEN ST, WASHINGTON, PA 15301-2335	Washington County
EIS	CAA	4967911	JESSOP STEEL LLC/WASHINGTON PLT	500 GREEN ST, WASHINGTON, PA 15301	Washington County
GHGRP	CAA	1004730	JESSOP STEEL, LLC WASHINGTON FACILITY	500 GREEN STREET, WASHINGTON, PA 15301	Washington County
RMP	CAA	100000143365	JESSOP STEEL, LLC WASHINGTON FACILITY	500 GREEN STREET, WASHINGTON, PA 15301	Washington County
ICIS-NPDES	CWA	PA0001902	JESSOP STEEL/WASHINGTON PLT	500 GREEN ST, WASHINGTON, PA 15301-2335	Washington County
TRI	EP313	15301JSSPS500GR	JESSOP STEEL LLC	500 GREEN ST, WASHINGTON, PA 15301	Washington County
RCRAInfo	RCRA	PAD004322343	JESSOP STEEL LLC	500 GREEN ST, WASHINGTON, PA 15301-2335	Washington County
TSCA	TSCA	TSCA8896	JESSOP STEEL LLC	500 GREEN STREET, WASHINGTON, PA 15301	
TSCA	TSCA	100606615	JESSOP STEEL LLC	500 GREEN STREET, WASHINGTON, PA 15301	

## Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
TRI	15301JSSPS500GR	3312	Blast Furnaces And Steel Mills
TRI	15301JSSPS500GR	3316	Cold Finishing Of Steel Shapes
ICIS-NPDES	PA0001902	3312	Blast Furnaces And Steel Mills
NPDES	PA0001902	3312	Blast Furnaces And Steel Mills
ICIS-Air	PA000278317	3316	Cold Finishing Of Steel Shapes

## Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
No data records returned		

## Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RMP	100000143365	33111	Iron and Steel Mills and Ferroalloy Manufacturing
RMP	100000143365	331111	Iron And Steel Mills
GHGRP	1004730	331110	Iron and Steel Mills and Ferroalloy Manufacturing
TRI	15301JSSPS500GR	331110	Iron and Steel Mills and Ferroalloy Manufacturing
TRI	15301JSSPS500GR	331111	Iron And Steel Mills
TRI	15301JSSPS500GR	331221	Rolled Steel Shape Manufacturing
EIS	4967911	331221	Rolled Steel Shape Manufacturing
ICIS-NPDES	PA0001902	331221	Rolled Steel Shape Manufacturing
NPDES	PA0001902	331221	Rolled Steel Shape Manufacturing
ICIS-Air	PA000278317	331221	Rolled Steel Shape Manufacturing
RCRAInfo	PAD004322343	331110	Iron and Steel Mills and Ferroalloy Manufacturing

# Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

## Enforcement and Compliance

### Compliance Monitoring History (5 years)

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CAA	PA000278317	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	State	04/10/2021	
CAA	PA000278317	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	03/03/2021	
CAA	PA000278317	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	EPA	09/29/2020	Reviewed: 12/29/2020 Facility Reported No Deviations
CAA	PA000278317	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	09/28/2020	
CAA	PA000278317	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	State	07/02/2020	
CAA	PA000278317	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	EPA	06/30/2020	Reviewed: 07/22/2020 Facility Reported No Deviations
CAA	PA000278317	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	03/05/2020	
CAA	PA000278317	ICIS-Air	Inspection/Evaluation	PCE On-Site Monitoring/Sampling	State	03/02/2020	
CAA	PA000278317	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	State	08/01/2019	
CAA	PA000278317	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	05/28/2019	
CAA	PA000278317	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	State	07/31/2018	
CAA	PA000278317	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	04/20/2018	
CAA	PA000278317	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	02/13/2018	
CAA	PA000278317	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	State	07/31/2017	
CAA	PA000278317	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	03/08/2017	
CAA	PA000278317	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	01/19/2017	
CAA	PA000278317	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	State	07/28/2016	
CAA	3600174719	ICIS	Information Request	Formal	EPA	06/27/2016	
CWA	PA0001902	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	11/05/2020	
CWA	PA0001902	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	08/28/2019	
CWA	PA0001902	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	08/02/2018	
RCRA	PAD004322343	RCRAInfo		COMPLIANCE EVALUATION INSPECTION ON-SITE	State	04/24/2019	No Violations Or Compliance Issues Were Found
RCRA	PAD004322343	RCRAInfo		COMPLIANCE EVALUATION INSPECTION ON-SITE	State	04/24/2019	No Violations Or Compliance Issues Were Found
RCRA	PAD004322343	RCRAInfo		COMPLIANCE EVALUATION INSPECTION ON-SITE	State	01/25/2017	No Violations Or Compliance Issues Were Found
RCRA	PAD004322343	RCRAInfo		COMPLIANCE EVALUATION INSPECTION ON-SITE	State	01/25/2017	No Violations Or Compliance Issues Were Found

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

# Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CAA	PA000278317	No	06/26/2021	0	06/25/2021
CWA	PA0001902	No	03/31/2021	1	06/25/2021
RCRA	PAD004322343	No	06/26/2021	0	06/25/2021

# Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
	CAA (Source ID: PA000278317)				07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21
	Facility-Level Status				No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	HPV History															
	Violation Type	Agency	Programs	Pollutants												

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA (Source ID: PA0001902)		04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/25/21
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	Violation Identified	Undetermined
	Quarterly Noncompliance Report History												Other Violation	

Statute/Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: PAD004322343)		07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified

# Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

# Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Cost	Comp Action Cost
No data records returned															

# Environmental Conditions

Watershed(s)

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
050301010102	Upper Chartiers Creek	CHARTIERS CREEK	No	No	Chromium, total (as Cr)   Copper, total (as Cu)   Iron, total (as Fe)   Lead, total (as Pb)   Nickel, total (as Ni)   Solids, total suspended   Zinc, total (as Zn)	No

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
PA	2020	PA-SCR-99694570	Chartiers Creek-99694570	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY)   NUTRIENTS   ORGANIC ENRICHMENT/OXYGEN DEPLETION   PATHOGENS   SEDIMENT   TURBIDITY		Not Supporting		Not Supporting	
PA	2020	PA-SCR-99694572	Chartiers Creek-99694572	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY)   NUTRIENTS   ORGANIC ENRICHMENT/OXYGEN DEPLETION   PATHOGENS   SEDIMENT   TURBIDITY		Not Supporting		Not Supporting	
PA	2020	PA-SCR-99694612	Chartiers Creek-99694612	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY)   NUTRIENTS   ORGANIC ENRICHMENT/OXYGEN DEPLETION   PATHOGENS   SEDIMENT   TURBIDITY		Not Supporting		Not Supporting	
PA	2020	PA-SCR-99694564	Unnamed Tributary to Chartiers Creek-99694564	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY)   NUTRIENTS   ORGANIC ENRICHMENT/OXYGEN DEPLETION   SEDIMENT   TURBIDITY		Not Supporting			

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	Yes	8-Hour Ozone (2008)	Yes	1-Hour Ozone (1979)
Lead	No		No	
Particulate Matter	No		Yes	PM-2.5 (1997); PM-2.5 (2006)
Carbon Monoxide	No		No	
Sulfur Dioxide	No		No	

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

Air Pollutant Report      TRI Pollution Prevention Report

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
15301JSSPS500GR	2019	6,118	323	0			6,441	112,032
15301JSSPS500GR	2018	5,968	393	0			6,361	168,032
15301JSSPS500GR	2017	5,480	332	0			5,812	94,258
15301JSSPS500GR	2016	4,990	309	0			5,299	125,891
15301JSSPS500GR	2015	5,416	300	0			5,716	103,210

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
15301JSSPS500GR	2014	7,018	603	0			7,621	139,885
15301JSSPS500GR	2013	6,420	506	0			6,926	151,876
15301JSSPS500GR	2012	7,276	394	0			7,670	160,406
15301JSSPS500GR	2011	6,734	713	0			7,447	156,454
15301JSSPS500GR	2010	6,137	2,294	0			8,431	175,803

## Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Aluminum oxide (fibrous forms)										
Chromium										
Chromium compounds (except for chromite ore mined in the Transvaal Region)	16,216	29,154	25,045	30,425	28,002	32,619	35,435	43,000	56,157	38,564
Cobalt compounds	1,181	240	243	337	206	313	418	564	1,013	187
Copper										
Copper compounds	5,643	3,061	2,479	3,447	2,375	6,103	8,358	9,617	2,718	5,752
Hydrogen fluoride	6,220	13,132	5,447	7,590	6,131	8,541	7,938	6,411	4,478	11,539
Manganese										
Manganese compounds	6,661	6,017	3,385	3,938	3,230	4,702	5,654	6,301	7,454	3,602
Nickel										
Nickel compounds	48,114	42,070	33,430	40,309	34,064	45,762	54,907	67,354	69,333	52,423
Nitrate compounds (water dissociable; reportable only when in aqueous solution)	115	140	123	119	115	388	338	247	318	2,032
Nitric acid	34,323	80,579	29,918	45,025	34,803	49,078	45,754	34,582	22,430	70,135
Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)										

## Community

## EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is

located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	28.9
Ozone	30.2
NATA Diesel PM	29.7
NATA Air Toxics Cancer Risk	31.7
NATA Respiratory Hazard Index (HI)	32.7
Traffic Proximity	28.7
Lead Paint Indicator	7.5
Superfund Proximity	40.6
Risk Management Plan (RMP) Proximity	2
Hazardous Waste Proximity	13.2
Wastewater Discharge Proximity	6.7

Number of EJ Indexes Above 80th Percentile
0

[View EJSCREEN Report](#)

## Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA’s spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics	
Total Persons (U.S. Census)	32,652
Population Density	1,164/sq.mi.
Percent Minority	13%
Households in Area	12,553
Housing Units in Area	15,366
Total Persons (ACS (American Community Survey))	29,952

Age Breakdown - Persons (%)	
Children 5 years and younger	1,650 (5%)
Minors 17 years and younger	5,905 (18%)
Adults 18 years and older	26,747 (82%)
Seniors 65 years and older	6,116 (19%)

Race Breakdown - Persons (%)	
White	28,671 (88%)



General Statistics	
Households on Public Assistance	448
Persons With Low Income	9,418
Percent With Low Income	34%

Geography	
Radius of Selected Area	3 mi.
Center Latitude	40.175905
Center Longitude	-80.274784
Land Area	100%
Water Area	0%

Income Breakdown - Households (%)	
Less than \$15,000	1,692 (13.48%)
\$15,000 - \$25,000	1,490 (11.87%)
\$25,000 - \$50,000	3,123 (24.87%)
\$50,000 - \$75,000	2,332 (18.57%)
Greater than \$75,000	3,919 (31.21%)

Race Breakdown - Persons (%)	
African-American	2,713 (8%)
Hispanic-Origin	474 (1%)
Asian/Pacific Islander	158 (0%)
American Indian	39 (0%)
Other/Multiracial	1,071 (3%)

Education Level (Persons 25 & older) - Persons (%)	
Less than 9th Grade	547 (2.57%)
9th through 12th Grade	1,482 (6.97%)
High School Diploma	8,984 (42.23%)
Some College/2-year	5,072 (23.84%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	5,194 (24.42%)